



Part number
SES2300CF
 2020-23 Toyota Supra
MK5 A90
 3.0L turbo 6cyl.
 1- 4 piece cat back Dual tip exhaust
 1- 3.25 Torsion Clamp 86mm (#17204)
 3- 3.5" V band clamps (#17206-C)
 2- Carbon fiber tip Large (#17187)
 1- Lock Spring (included with valve housing)

Congratulations! You have just purchased the best engineered, dyno-proven exhaust system available.
 Please check the contents of this box immediately. Report any defective or missing parts to the Authorized Injen Technology dealer you purchased this product from. Before installing any parts of this system, please read the instructions thoroughly. If you have any questions regarding installation please contact the dealer you purchased this product from. Installation DOES require some mechanical skills. A qualified mechanic is always recommended.
 *Do not attempt to install the intake system while the engine is hot. The installation may require removal of radiator fluid line that may be hot.
 Injen Technology offers a limited lifetime warranty to the original purchaser against defects in materials and workmanship. Warranty claims must be handled through the dealer from which the item was purchased.
 Injen Technology 244 Pioneer Place Pomona, CA 91768 USA
Please check the contents of this box immediately.
Parts and accessories are available on line at "Injenonline.com"

NOTE: All Injen exhaust systems are engineered to comply with the 95dB noise limit law specified by the California Highway Patrol and the Society of Automotive Engineers - Except ones that are designated for "Off-Road Use only".
 Every Injen exhaust system is individually designed for a specific application and complies with the requirements of Sections 27150, 27151 & 27200 of the California Vehicle Code and Title 13 of the California code of Regulations, Section 10361, which establishes a noise limit of 95dB for passenger cars.
 The age of your exhaust system along with certain engine modifications, such as headers, intake, etc., may also affect its current noise level output.
 Please check with your local and state law enforcement agencies for exact regulation requirements.



Figure 1

Complete kit:

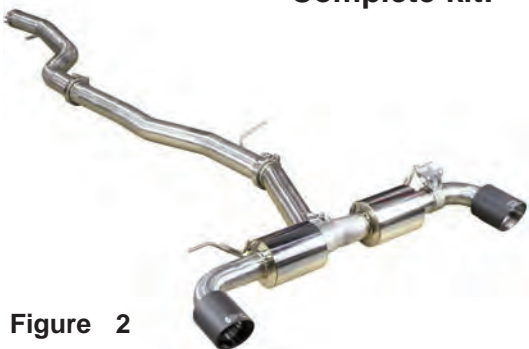


Figure 2

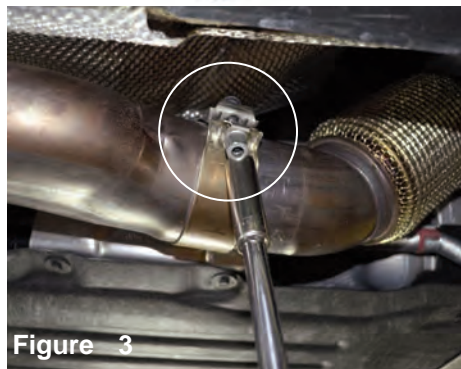


Figure 3

Remove the 13mm nut on the torsion clamp on the OEM exhaust at the down pipe.

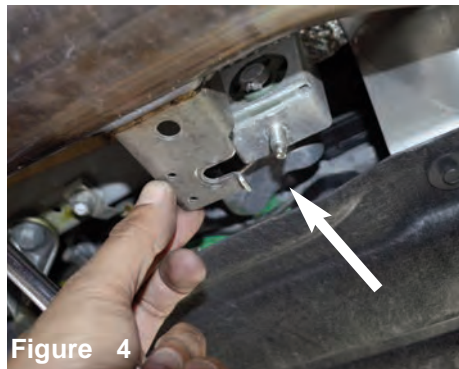


Figure 4

Remove the 13mm nut holding in the bracket on the exhaust system attached to rubber isolator. Save nut for later install.

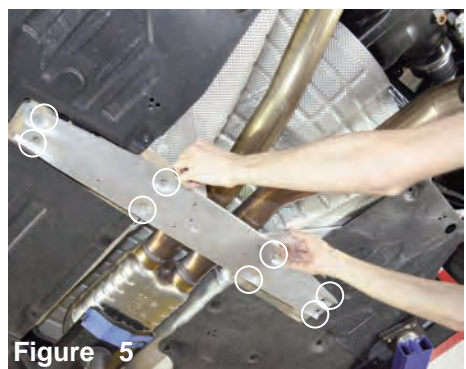


Figure 5

Remove the bolts supporting the mid support brace. Remove the brace from vehicle.

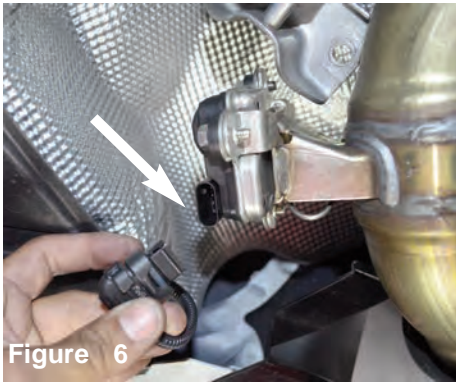


Figure 6
Disconnect the exhaust valve motor



Figure 7
Remove the 3 rubber hangers holding in the OEM exhaust. The 2 rear exhaust hanger brackets can be removed by loosening the 2 nuts using 13mm socket and extension. Remove the OEM exhaust out of vehicle.

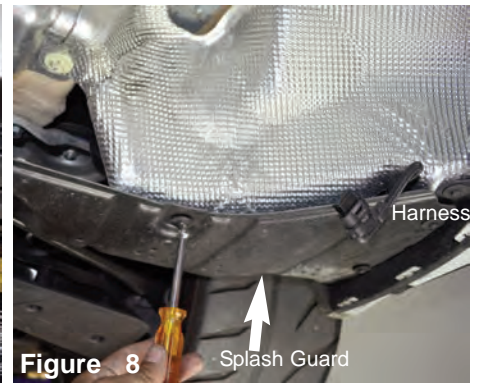


Figure 8
Loosen and remove the screws holding in the rear plastic splash guard.

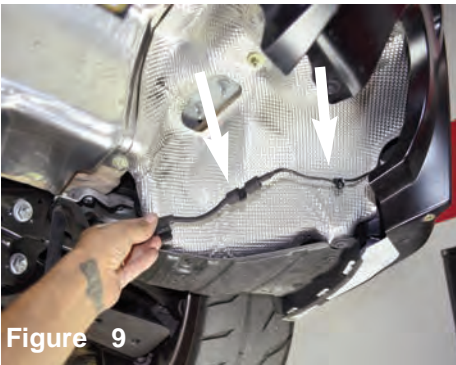


Figure 9
Pull back the harness of the exhaust valve motor and reroute, this will allow the harness to have more length to reach the motor on the injen exhaust.

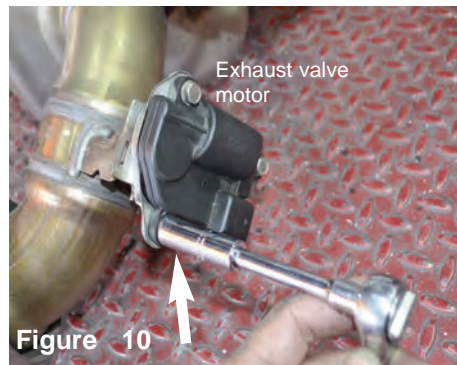


Figure 10
Remove the 3 bolts holding in the exhaust valve motor. Remove the motor only.

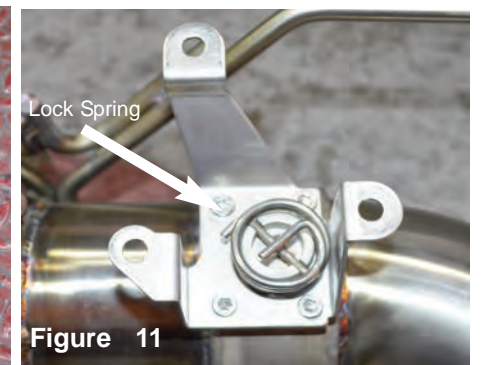


Figure 11
Now install the provided Lock spring and position to the new motor housing like above image.

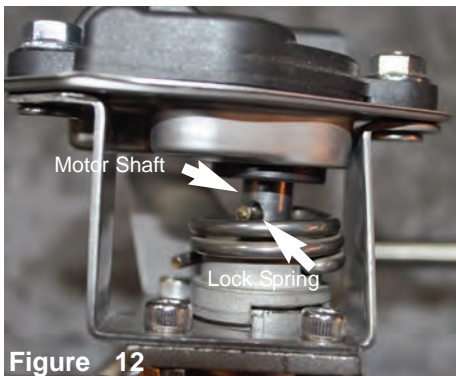


Figure 12
Install motor with plate to housing. Secure using provided M6 nuts and tighten. **Make sure the motor is seated correctly in the groove cut out of shaft to spring. Adjust if necessary.**



Figure 13
Once the shaft and spring are seated correctly. Tighten all nuts and secure. **If the motor shaft is not seated correctly with spring it will not work properly with sport mode function.**



Figure 14
Remove the Rear Factory hangers.



Figure 15
Re-install the hangers to the injen rear muffler assembly.

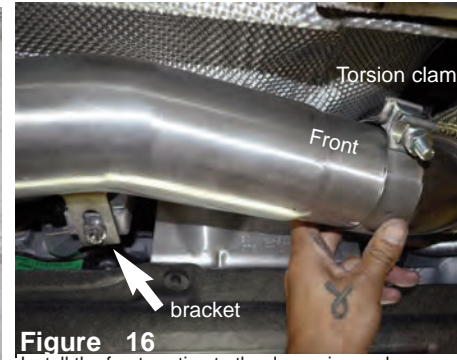


Figure 16
Install the front section to the down pipe and secure using provided torsion clamp. Secure bracket using OEM nut from figure 4 **Note: Exhaust system has room for adjustment, re-position and tighten for best fit.**



Figure 17
Adjust and set into position. Do not tighten. **Note: Exhaust system has room for adjustment, re-position and tighten for best fit.**

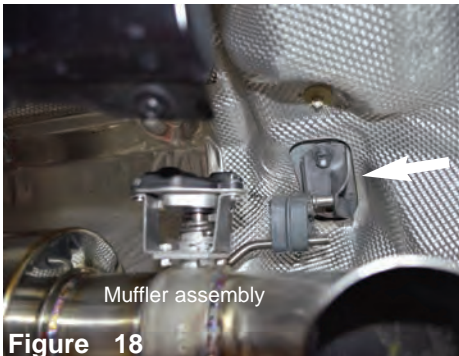


Figure 18
Install the muffler assembly section. Re-install the hanger brackets and secure.

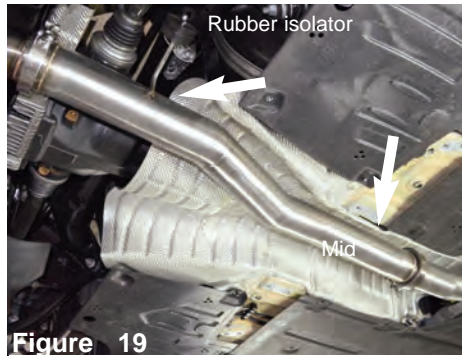


Figure 19
Install the mid-section and secure using V band clamps. Do not tighten. place exhaust hanger to the rubber isolator. **Note: Exhaust system has room for adjustment, reposition and tighten for best fit.**

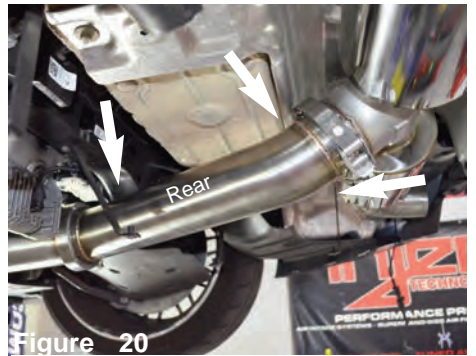


Figure 20
Install the rear section and secure using V band clamps. Do not tighten. **Note: Exhaust system has room for adjustment, reposition and tighten for best fit.**

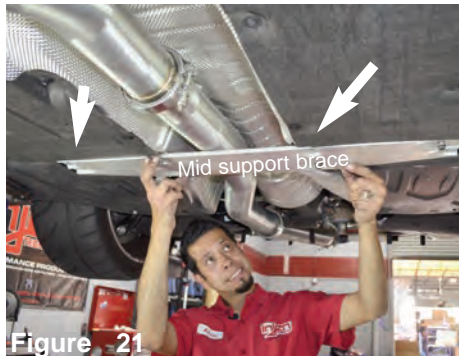


Figure 21
Re-install the mid support brace. Secure and tighten. Once completed, adjust the mid pipe to have clearance and make sure the pipe does not come into contact with the brace.

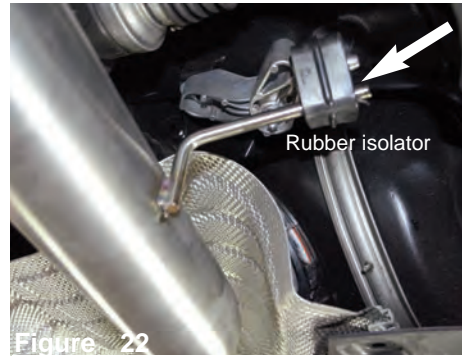


Figure 22
Make sure the mid pipe hanger is straight on isolator.



Figure 23
Once completed adjustment and clearance, tighten all clamps using 17mm and 13mm. Re-adjust and reposition if necessary.

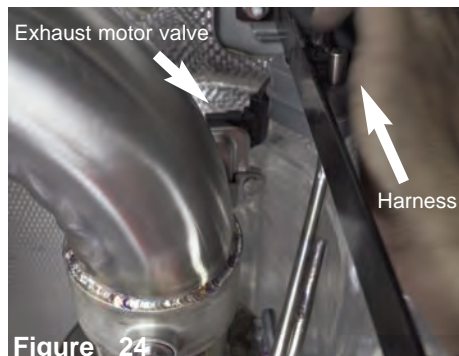


Figure 24
Connect the harness to the exhaust valve motor, run the harness behind the hanger so it will not touch the muffler.



Figure 25
Now install the carbon fiber tips to the rear muffler assembly. Secure and tighten and adjust to desired position.



Figure 26
Congratulations! You have just completed the installation of this exhaust system. Verify and adjust the rear section of the exhaust, make sure muffler and tip do not touch any plastics or it can melt. Periodically, check the alignment of the exhaust, normal wear and tear can cause nuts and bolts to come loose. **Note: Check clearance and adjust if needed! Failure to check the alignment and adjust the exhaust can cause damage that will void the warranty. Injen Technology is not responsible for any damages caused by/from improper installation.**